

## FIGURE 1

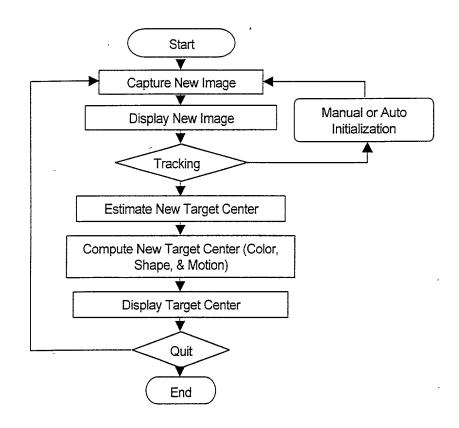


FIGURE 2

File		Beyardul Size
. 40  Box Column Size . 30. 20  Motion Intensity The Motion Count  Freq 28.30 Hz Pos 106.04 155.20 Freq 28.75 Hz Pos 111.43 158.00	The	

FIGURE 3

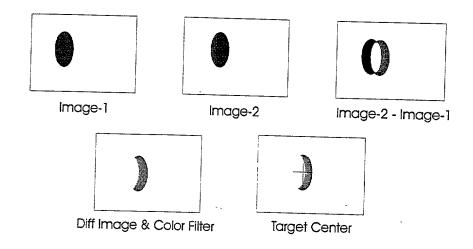


FIGURE 4

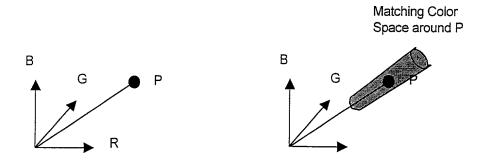


FIGURE 5

```
Given new image and the estimated target center as rc, cc and old target shape
begin
    for i=rc-rs/2 to i=rc+rs/2
        for j=cc-cs/2 to j=cc+cs/2
            RGB = pixel(i,j)
            c = FindColorMatch(RGB)
            if c>0
                 cr = c*i
                 cc = c*i
                 if this pixel lies on the previous shape template
                     sr = c*i
                     sc = c^*j
                     s = c;
                else pixel shows movement
                     mr = c*i
                     mc = c*j
                     m = c;
                endif
                mark this pixel in the next shape template
                Nc = Nc+c
                Ns = Ns + s
                Nm = Nm+m
                unmark this pixel in the next shape template
            endif
        endfor
   endfor
   cr = cr/Nc, cc = cc/Nc
   sr = or/Ns, sc = sc/Ns
   mr = mr/Nm, mc = mc/Nm
   compute new target center as a weighted average
   newr = cr*cw + sr*sw + mr*mw
   newc = cc*cw + sc*sw + mc*mw
   veir = (newr-rc)/t
   velc = (newc-cc)/t
```

## FIGURE 6

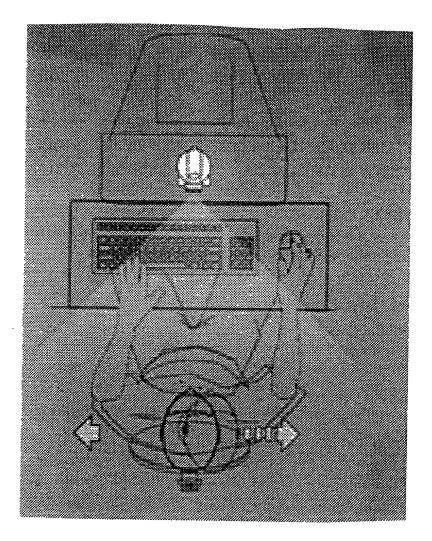


FIGURE 7